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JAPANESE MEDICAL MATERIAL

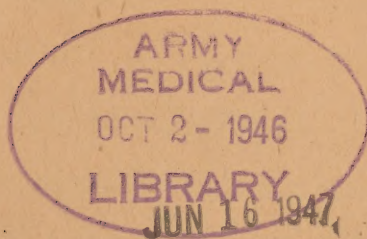
RESPIRATOR, TYPE KG - 130

290367

REPORT NO. 203

1 April 1946.

MEDICAL ANALYSIS SECTION
5250th Technical Intelligence Company
APC 500



Respirator, Type KG - 130

SOURCE: Tokyo, Japan.

IMPORTANCE: Not previously reported.

DESCRIPTION: This model is of German design and was manufactured by the Kawasaki Aircraft Company. It is carried on the back like a pack and contained in a black metal case, 16 3/4" x 13" x 6". The weight of the mask, hoses and apparatus minus oxygen bottle and the purifying cannister is approximately 23 1/2 pounds.

The operating mechanism, though slightly more refined, functions exactly on the same theory as that of the Japanese model (see Medical Technical Report No. 202). In addition, this model uses an automatic oxygen control mechanism which is operated by the use of a metal fork which rests on the surface of the respiring bag opening the oxygen valve by the fluctuation in the volume of the air in the bag.

The oxygen pressure gauge is attached to the end of a tube extending from the side of the case where it may be held in the hand of the operator and observed at all times.

COMMENT: The metal parts used in this model are more numerous and of heavier construction than the Japanese model. The increased quality in this model would indicate that the mechanism might be more efficient. It is definitely more durable.

Photographs: Fig. 1 - Respirator, displayed.



Fig. 1 - Respirator, displayed